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Radio Astrometry at 24 and 43 GHz

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We describe the goals and initial results of a collaboration formed to survey extragalactic objects at radio frequencies at 24 and 43 GHz. This survey is for extending the International Celestial Reference Frame (ICRF) that is the current coordinate system for astrometry and it is the angular inertial frame of deep space navigation. In principle, the extension should lead to a more stable reference frame. We report upon our initial three 24-hour observing sessions involving about 100 radio sources at the VLBA.